

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION**

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No :

Mine code : 38MPR35350

- (i) Name of the Inspecting : **G005**) **SANJAY M. GIRHE**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 13-OCT-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DEVRA & KOTHAR LST**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : SATNA
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for :
correspondance :
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked :

5. Name and Address of the
Lessee : ULTRA TECH CEMENT LTD.
D-7 SHASHTRI NAGAR JODHPUR
JODHPUR RAJASTHAN
Phone:2431715
FAX :0291 2431844

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	1240 meter drilling proposed	No exploration carried out as proposed	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
1b	Exploration over lease area for geological axis 1 or 2	1240 meter drilling proposed	Not done	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	1240 meter drilling proposed	No exploration carried out	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
1d	Balance area to be explored to bring Geological axis in 1 or 2	49.220 Ha proposed for conversion to G1 level	No exploration carried out	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
1e	Balance reserve as on 01/04/20	7.92 Mill Tons	7.92 Mill Tons	No additional resources/reserves were estimated

1f	General remarks of inspecting officers on geology, exploration etc	NA	NA	Limestone deposit of ML area belongs to the Nagod limestone formation of Bhandar group. Detailed exploration not carried out so far as mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
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Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Production proposed at N150 to N750 to E260 to W300	No excavation/production carried out during the year 2020-21	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in Topsoil, OB & in mineral proposed	Working not carried out during the year 2020-21	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
2c	Stripping ratio or ore to OB ratio	'1:0.10 t/M3	Nil	Mining operations yet to be started
2d	Quantity of topsoil generation in m3	48000 CuM	Nil	
2e	Quantity of overburden generation in m3	99000 CuM	Nil	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Production proposed in single pit	Working not carried out as proposed	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
3b	Quantity of ROM mineral production proposed	1500000 Tonnes	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
3c	Recovery of sailable/usable mineral from ROM production	1275000 Tonnes	Nil	
3d	Quantity of mineral reject generation	Not Proposed	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not Proposed	Nil	
3f	Quantity of sub grade mineral generation.	Not Proposed	Nil	
3g	Grade of sub grade mineral generation	Not Proposed	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Not Proposed	Nil	Entire ROM was proposed for captiove consumption

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	Nil	
3j	Provision of drilling and blasting in mineral benches	Drilling, blasting proposed by 115 dia hole	Not done	
3k	Provision of mining machineries in mineral benches	Exacavator 850 of 4.5 CuM capacity, Dumpers of 55 tonnes capacity, hydraulic drilling machine 115m dia, Dozer etc were proposed	Mining operations not carried out during the year	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	OB bench of 4mts height & 8-9mts height in limestone proposed	No working carried out	
3m	Total area covered under excavation/pits	12.40 Ha	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
3n	Ore to OB ratio for the pit/mine during the year.	'1:0.10 T/Cum	Nil	
3o	Total area put in use under different heads at the end of year	Under Pits - 2.40 Ha Plantation - 3.0 Ha	No mining operations carried out	

3p	Production of ROM mineral during the last five year period as applicable	1 year - 0 MT 2 year - 250000 MT 3 year - 500000 MT 4 year - 750000 MT 5 year - 1500000 MT	No Mining operations carried out	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
3q	General remarks of inspecting officers on method of mining etc.	NA	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping of top soil, OB proposed on earmarked location	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
4b	Location of topsoil, OB and mineral reject dumps	Separate dumping were proposed	No mining operation carried out & presently there is no top soil, OB dumps in ML area	
4c	Number of dumps within lease area and outside of lease area	No dumps in ML area	No dumps in ML area	No dumps in ML and outside ML area
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposals	No dumps in ML area as on date	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
4e	Number of active and alive dumps.	No active dumps in ML area	No active dumps in ML area	Mining operations yet to be commenced
4f	Number of dead dumps.	No Proposals	No dead dumps in ML area	Mining operations yet to be commenced

4g	Number of dumps established.	No Proposals	Mining operations yet to be commenced.	
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposals	Nil	Mining operations yet to be commenced.
4i	Length of Retaining wall or garland drain all along dumps	No Proposals	Nil	Mining operations yet to be commenced.
4j	Number of settling ponds	NO Proposals	Nil	Mining operations yet to be commenced.
4k	Specific comments of inspecting officer on waste dump management	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No Proposals	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
5b	Area under backfilling of mined out area	No area under backfilled	Mining operations yet to be commenced	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposals	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

5d	Total area fully reclaimed and rehabilitated	No Proposals	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted before 1st July of every year	Not submitted as no mining operations started	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
6b	Area available for rehabilitation (ha) .	Not Proposed	Nil	
6c	afforestation done (ha).	Proposed over 3.0 Ha in M1 area	Not done	Mining operations yet to be commenced
6d	No. of saplings planted during the year	Total 3219 nos saplings proposed	Not done	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
6e	Cumulative no .of plants	Proposed as 4469 nos.	Nil	Mining operations yet to be commenced
6f	Any other method of rehabilitation	Not Proposed	Nil	
6g	Cost incurred on watch and care during the year	Not Proposed	Nil	Nil

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not Proposed	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not Proposed	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Not Proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not Proposed	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not Proposed	Nil	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not Proposed	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not Proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not Proposed	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Periodical Air, Water, Noise monitoring Proposed	Not done	Mining operations yet to be commenced
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NA	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Entire ROM proposed as captive use	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Proposed	Nil	
7c	Different grade of mineral sorted out at mines.	Not Proposed	Nil	
7d	Any beneficiation process at mines	Not Proposed	Nil	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NA	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
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Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
8b	Concurrent use or storage of topsoil	Proposed	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Nil	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Proposed	Nil	
8g	Survival rate	Proposed 80%	Acheived-Nil	Mining operations yet to be commenced
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	Nil	Mining operations yet
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NA	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. not submitted upto- Spet- 2021 A.R. not submitted upto- 2020-21	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual Return not submitted	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual Return not submitted for 2020-21	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

9d	Scrutiny of Annual return on afforestation	Annual Return not submitted for 2020-21	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual Return not submitted for 2020-21	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual Return not submitted for 2020-21	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual Return not submitted for 2020-21	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
9h	Scrutiny of Annual return on fixed assets	Annual Return not submitted for 2020-21	Nil	
9k	Scrutiny of Annual return on mining machineries	Annual Return not submitted for 2020-21	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed		Show cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :**(SANJAY M. GIRHE)**

Indian Bureau of Mines